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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

12

Application Number

10/082,459

Filing Date

February 25, 2002

First Named Inventor

Ronald E. Sweatman

Art Unit

3672

Examiner Name

Thomas S. Bomar

Attorney Docket Number

HES 2000-IP-001848U1

## ENCLOSURES (Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

☒

Amendment/Reply

☒

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Reply to Missing Parts/  
Incomplete Application

☐

Reply to Missing Parts  
under 37 CFR 1.52 or 1.53

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐

Petition to Convert to a  
Provisional Application

☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

☐

CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

Remarks

☐

After Allowance Communication to TC

☐

Appeal Communication to Board  
of Appeals and Interferences

☐

Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

☐

Proprietary Information

☐

Status Letter

☒

Other Enclosure(s) (please identify  
below):

Return postcard

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

McAfee & Taft

Signature

*Clifford C. Dougherty, III*

Printed name

Clifford C. Dougherty, III

Date

January 10, 2005

Reg. No.

31,607

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Date

January 10, 2005

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**REPLY UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
TECHNOLOGY CENTER 3611**

HES 2000-IP-001848U1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Ronald E. Sweatman et al.	)	
		)	Group Art Unit: 3672
Serial No.:	10/082,459	)	
		)	Examiner: Thomas S. Bomar
Filed:	February 25, 2002	)	
		)	Date: January 10, 2005
For:	METHODS OF DISCOVERING AND	)	
	CORRECTING SUBTERRANEAN	)	
	FORMATION INTEGRITY	)	
	PROBLEMS DURING DRILLING	)	

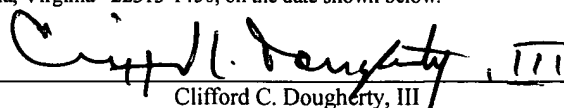
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**RESPONSE TO FINAL OFFICE ACTION**

In response to the Office Action mailed on October 8, 2004, please amend the above-identified application as follows:

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